FOTOMATE
Digital Photo Frame
User Manual

FM 300 10inch - Black
FM 301 10inch - White

Cautions

Precautions and maintenance

- For indoor use only
- To avoid risk of fire or electric shock, do not expose the unit to moisture or condensation.
- To avoid overheating, do not block the ventilation holes on the back of the Digital Photo Frame.
- Keep the Digital Photo Frame out of direct sunlight.
- Do not dismantle the Digital Photo Frame. There is a risk of electric shock and there are no user-serviceable parts inside. Dismantling the Digital Photo Frame will void your warranty.

Cleaning the LCD Screen

- Treat the screen carefully. Because the screen of the Digital Photo Frame is made of glass and it would easily be broken or scratched.
- If fingerprints or dust accumulate on the LCD screen, we recommend using a soft, non-abrasive cloth such as a camera lens cloth to clean the LCD screen.
- Moisten the cleaning cloth with the cleaning solution and apply the cloth to the screen.

WARNING:

Please power off the unit before inserting or removing a card or USB device.

Failure to do so may cause damage to the card/USB and the unit.

To reduce the risk of fire or electric shock, do not expose this appliance to rain or moisture.

CONGRATULATIONS ON YOUR PURCHASE OF THE
FOTOMATE DIGITAL PHOTO FRAME
GAURANTEE / WARRANTY CARD

PRODUCT SERIAL NUMBER: _____

This product carries a manufacture's guarantee of 6 months. See enclosed booklet.

Please comlete your details on this form and send to:

Via Email: admin@cnsmarketing.co.za
Fax: (011) 781 6000
Post: Po Box 2425 Randburg 2125

Correspondence will be sent to you on new developments and promotions

NAME:_____

POSTAL ADDRESS:_____

_____

CODE:_____

EMAIL:_____

STORE WHERE PRODUCT WAS PURCHASED

_____

DATE OF PURCHASE:_____

SALES PERSON:_____

FOR FURTHER INFORMATION PLEASE CONTACT OUR HELPDESK ON
011-781 6001

1. Input / Output:

DC9-12V/1.5A

2. Video / Audio Connection:

2.1 Video Connection

Output: CVBS Out

2.2 Audio Connection

Output: 2Ch stereo

1. Supported Interfaces

- SD: with dimensions of 24mm x 32mm x 2.1mm (about the size of a postage stamp) as shown in the illustration:

- MS: dimensions for the MS Card are 50mm x 21.5mm x 2.8mm, which is the exclusive memory card format for Sony's digital products, as shown in the illustration:

- xD: with dimensions of 20mm x 25mm x 1.7mm, which is the exclusive memory card for Fujifilm and Olympus digital products, as shown in the illustration:

7

- USB: supports 1.1 and 2.0

4.IR Key_Map:Direction for use

(key_map)

⑴ KEY_POWER

⑵ KEY_MUTE

8
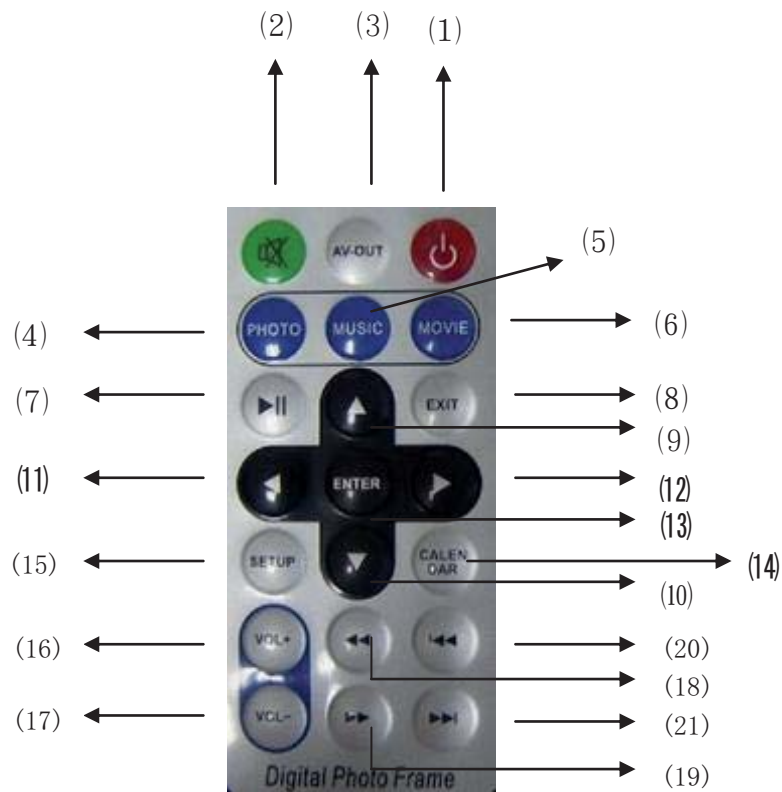
⑶ AVOUT SW

⑷ KEY_PHOTO: SHUT KEY to phto play

⑸KEY_MUSIC: SHUT KEY to music play

⑹KEY_MOVIE: SHUT KEY to play

⑺ KEY_PAUSE

⑻ KEY_EXIT:return to poweron menu whenever.

⑼ KEY_UP

⑽ KEY_DOWN

⑾ KEY_LEFT: Move left or rotate left 90 degree.

⑿ KEY_RIGHT: Move right or rotate right 90 degree.

⒀ KEY_ENTER: confirm key.

⒁ KEY_CALENDAR: Shut key to calendar.

(15) KEY_SETUP: to enter setup mode.

(16) KEY_VOL_UP

(17) KEY_VOL_DOWN

(18) KEY_SCB: Fast to play backward.

(19) KEY_SCF: Fast to play forward.

(20) KEY_PREV: play the prev photo/music/movie.

(21) KEY_NEXT: play the next photo/music/movie.

5.System Settings

Select【Setup】 from the main menu, press the `PLAY` button, and you will enter the settings mode. In addition, under other function modes, you can also enter the settings mode by pressing the `SETUP` button. The following illustration shows the initial screen in the settings mode, and in the following section we will introduce the various functions of the settings mode.

The adjustment screen for the SETUP menu is as follows:

5.1 Photo Setting

5.1.1 Display Interval

This option can be used to set the length of time for display of each image. There are six options: 5 seconds, 10 seconds, 15 seconds, 30 seconds, one minute, or three minutes.

5.1.2 Transition Effect

This option is used to set the transition effect as images change.
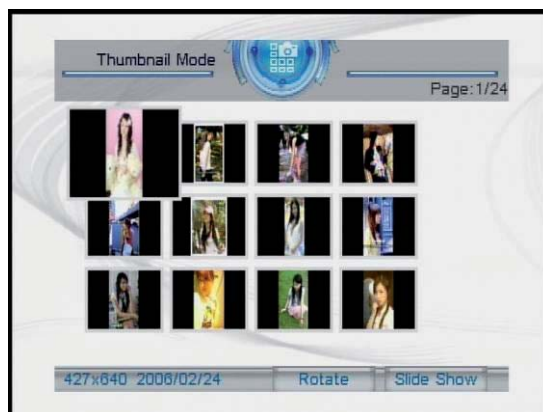

5.1.3 Browse

There are two kinds of "Photo" modes, one is the "File Manager" mode, and the other is the "Browser" mode.

File Manager mode:

Browser mode:

5.1.4 Auto Play

5.1.4.1 Photo

This setting can be set to either "on" or "off". This setting decides whether or not to activate the automatic display function after entering the "Photo" mode.   If this option is set to "on", then the system will enter "slide show mode" after you enter "Photo"; if it is set to "off", then the system will enter either File Manager mode or Browser mode, according to the Browse settings set by the user.

5.1.4.2 Music

This setting can be set to either "on" or "off". This setting decides whether or not to activate the automatic play function after entering "Music" mode.   If this setting is set to "on", then the system will enter file mode and initiate automatic play after entering "Music"; if this setting is set to "off", then, after entering "Music" file mode, the user will have to manually press the "Play" button.

5.1.4.3 Movie

This setting can be set to either "on" or "off". This setting decides whether or not to initiate the automatic play function after entering "Movie" mode.   If this setting is set to "on", the system will automatically play the video after entering "Movie"; if this setting is set to "off", then after entering the "Movie" file mode, the user will be allowed to manually browse the videos.

5.2   Display Setup

5.2.1 TV Standard

The user can select according to their standard television system. The options are: NTSC, PAL, and AUTO.

5.2.2 Brightness

This option allows the user to set the brightness of the television screen. They can choose from three different options: normal, bright, and soft.
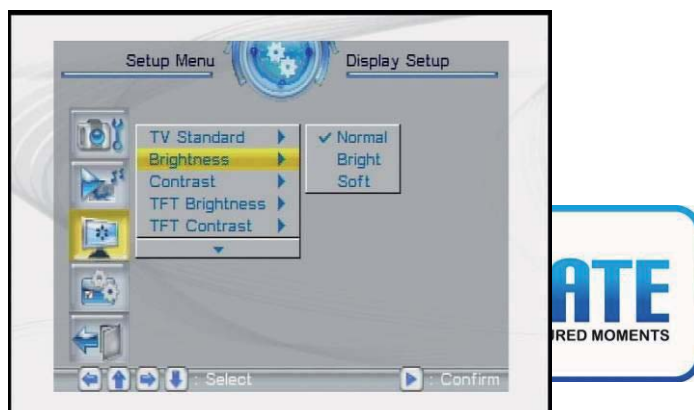
5.2.3 Contrast

This option can be used to set the screen contrast.   The contrast is divided into 15 different levels, from -7~0~7, with larger numbers representing greater contrast.

5.2.4 TFT Brightness

If an LCD display is used this option can be used to set the screen brightness.   The brightness is divided into 15 levels, from -7~0~7, with the larger (positive) numbers representing greater brightness.
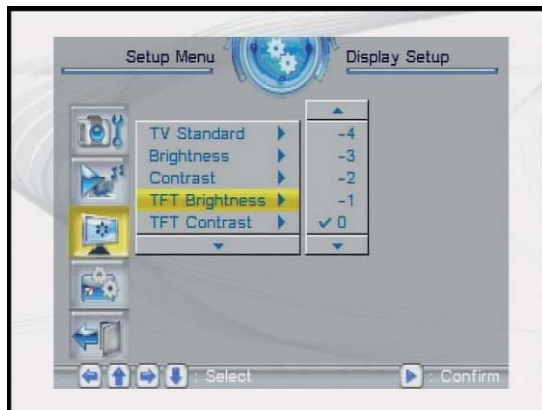
5.2.5 TFT Contrast

If an LCD display is used, this option can be used to set the screen contrast.   The contrast is divided into 15 different levels, from -7~0~7, with larger numbers representing greater contrast.

5.2.6 TFT Saturation

If the user uses an LCD display, this option can be used to set the saturation of the display.   The saturation is divided into 15 levels, from -7~0~7, with larger numbers representing a higher degree of saturation.

5.3 Custom Setup

5.3.1 OSD Language

This option can be used to set the language for the OSD (on screen display). The user can choose from: English, French, German, Italian, Spanish, Portuguese, Dutch, and Polish.

14

5.3.2 Encoding

This option sets the character encoding of the filenames. There are two types of encoding to choose from, Western European and Central European.

5.3.3 Logo type

This option allows the user to set the Logo. There are two available options: Default and Favorite.

5.3.4 Repeat mode

This option allows the user to set the play repeat mode.   There are four available options: Off, One, Folder, and All.

Off: turns off the repeat mode.

15

One: repeats the file that is currently playing.
Folder: repeats the folder that is currently playing.
All: repeatedly plays all of the files inside the storage medium.

5.3.5 Media

This option allows the user to set the media which want to play.

5.3.6 Default

By setting this option, all settings will be reset to the original system settings.

5.4 Exit

Leaves the setup menu, and goes back to the main menu.

2. Photo

After choosing 【Photo】 from the main menu, press the PLAY key, and the system will automatically detect whether or not a storage device has been connected (USB drive or memory card). If no storage device has been connected, the system will go back to the main menu.
After the storage device has been connected and correct read/write access has been confirmed, the system will enter the mode chosen by the user (please refer to the 「4.1.3 Browse」 section for settings details). If the user has selected 【File Mode】for playlist management, the screen on the lower left

fOTOMATE
DISPLAYING LIFE'S CAPTURED MOMENTS

will appear; if the user chooses 【Browse Mode】for playlist management, the screen on the lower right will appear.

Under 【Photo】 mode, the system only supports the display of images in JPG format.

3. Music

After choosing 【Music】 from the main menu, press the **PLAY** key, and the system will automatically detect whether or not a storage device has been connected (USB drive or memory card). If no storage device has been connected, the system will go back to the main menu. After the storage device has been connected and correct read/write access has been confirmed, the system will enter【Media Manager】for playlist management, as shown in the illustration.

In the 【Music】 mode, the system only supports the playing of music files in MP2/MP3/WMA format. If the user has turned on the 【Music】 automatic playing function, then music will automatically be played when the system enters 【Music】 mode.
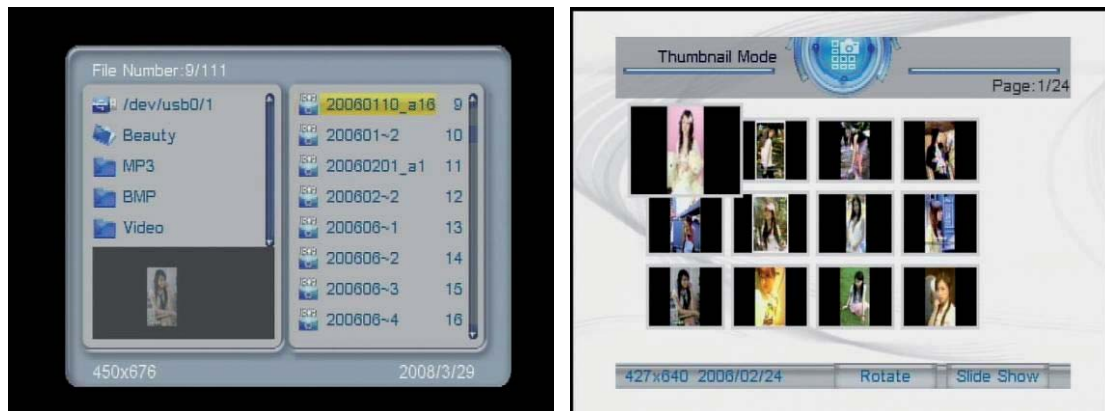

4. Photo+Music

After choosing 【Photo+Music】 from the main menu, press the **PLAY** key, and the system will automatically detect whether or not a storage device has been connected (USB drive or memory card). If no storage device has been connected, the system will go back to the main menu. After the storage device

17

has been connected and correct read/write access has been confirmed, the system will enter【File Manager】for playlist management, as shown in the illustration. Under【Photo+Music】 mode, the system supports the displaying of pictures and the playing of music, and the supported file types are: JPG, MP2, MP3, and WMA. If the user turns on the 【Photo+Music】 automatic playing function, then the system will initiate automatic display and playback after entering 【Photo+Music】 mode.

5. Movie

After choosing 【Movie】 from the main menu, press the **PLAY** key, and the system will automatically detect whether or not a storage device has been connected (USB drive or memory card). If no storage device has been connected, the system will go back to the main menu. After the storage device has been connected and correct read/write access has been confirmed, the system will enter【File Manager】for playlist management, as shown in the illustration. Under 【Movie】 mode, the system supports movie playback in the following formats: DAT, MPG, VOB, and AVI.

6. Calendar

After selecting 【Calendar】 from the main menu, press the PLAY button, and you will enter the date setting mode.

10.1 Display

This option provides the 【Calendar】display function. The date displayed in the calendar is the current date set in the system.

In addition to displaying the current date, the user can use the ⬆⬇ keys to browse different months, or use the ⬅➡ keys to browse different years.

10.2 Set Date

This function allows users to set the system date.

10.3 Exit

Exits date settings and goes back to the main menu.

19

7. Clock

After selecting 【Clock】 from the main menu, press the PLAY key, and the system will enter time setting mode.

11.1 Display

This option allows the user to choose if they want to display 【Time】 or 【Time & Calendar】or 【Analog Clock】. Select【Time】, and press the PLAY key.

Select 【Analog Clock】, and press the PLAY key.
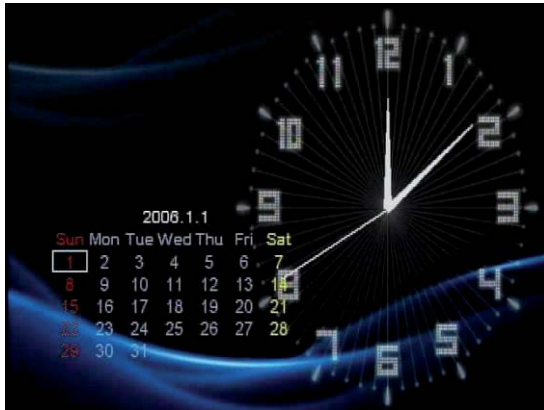
Select 【Time & Calendar】, and press the PLAY key.
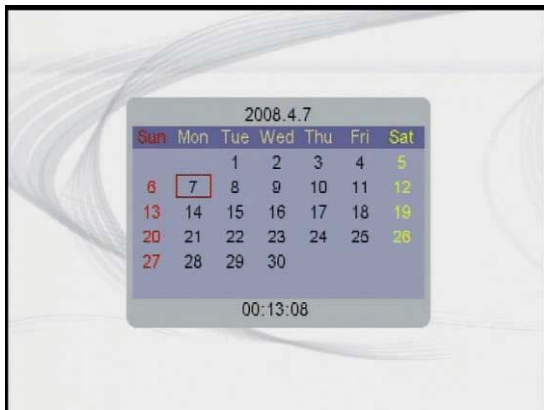
11.2 Set Time

This function allows the user to set the system time.

11.3 Exit

Exits the time settings, and goes back to the main menu.

8. Alarm

After selecting 【Alarm】from the main menu, press the **PLAY** button, and the system will enter the alarm settings mode.

12.1 Enable

This function allows users to activate（On）or de-activate （Off） the alarm.

12.2 Set Time

This function allows users to set the alarm time. When the alarm function has been activated, a prompt will appear. Press any key to exit the alarm mode.

12.3 Exit

Exits the alarm settings, and goes back to the main menu.

13. Auto-Power

After selecting 【Auto-Power】 from the main menu, press the PLAY button, and the system will enter the automatic power-on/power-off settings mode.

13.1 Power On Enable

This option allows the user to either activate (On) or de-activate (Off) the automatic power-on function.

13.2 Power off Enable

This function allows the user to activate (On) or de-activate (Off) the automatic power-off function.

23

13.3 Set Time

This function allows users to set the automatic power-on/power-off times.

The user can choose to set the 【Power-on】time or the 【Power-off】time.

13.4 Exit

Exits the automatic power-on/power-off settings, and goes back to the main menu.

9. Edit

After selecting 【Edit】 from the main menu, press the PLAY button, and the system will enter Edit mode. In Edit mode, the user can choose Copy Photo、 Music、Photo/Music、Movie or all type.

14.1 Select Source

The user can use the ⬆ ⬇ keys to select source and press the PLAY button to browse the files.

14.2 Copy

The user can Copy image files from the storage device, and use the images as screen saver images. The user can use the ⬆⬇ keys to select images. After choosing images, press the PLAY button, and the selected images will display a red frame which indicates that they have been selected. If the user wishes to cancel a selection, they can accomplish this by pressing the PLAY button again. After the user completes the selection, they can press the ⬅➡ keys to go to the 【Edit】 option, and then press 【Copy】 to save the selected images.

The maximum number of images this function can save is 15 (including the default screen saver images).

14.2 Delete

This function allows users to delete screen saver images. The user first can use the ⬆ ⬇ keys to select images which wish to delete and go to the 【Edit】 option, and then after entering the delete mode by pressing the PLAY key, you can see a dialogue; Press yes and the selected image will be deleted.
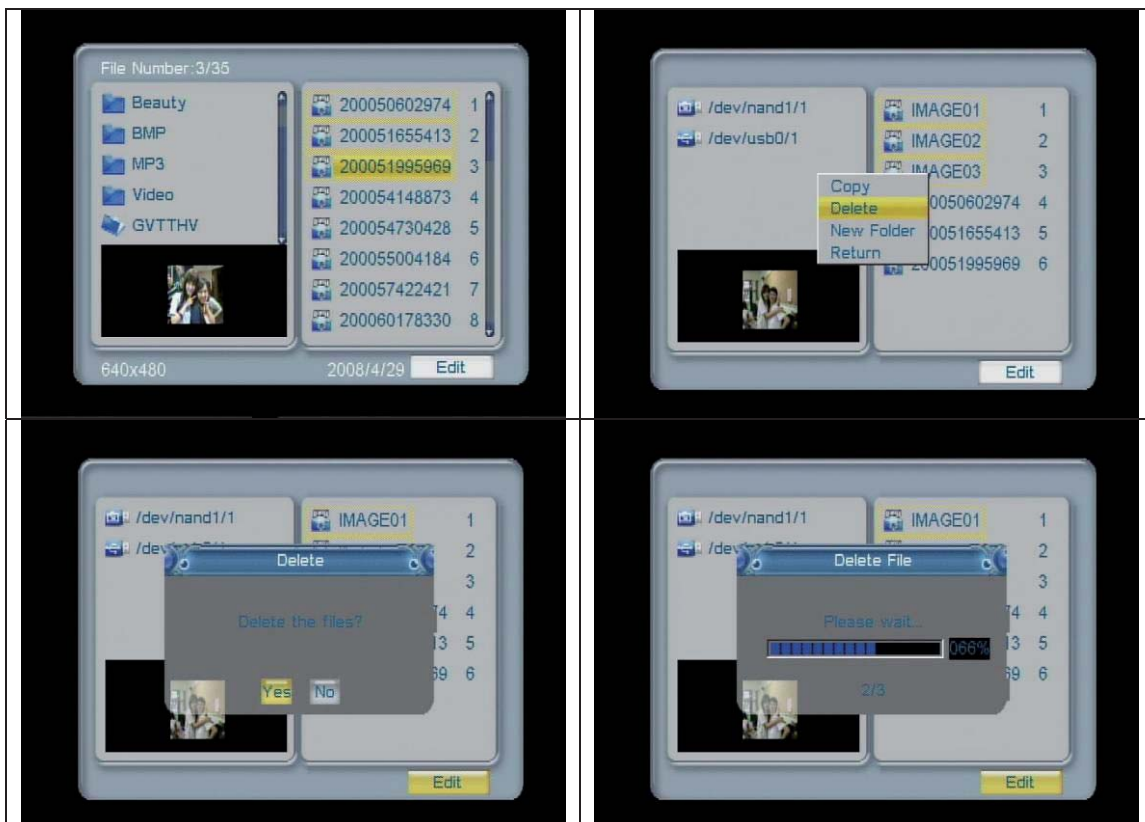
14.3 New Folder

This function allows users to create a folder to deposit the selected images
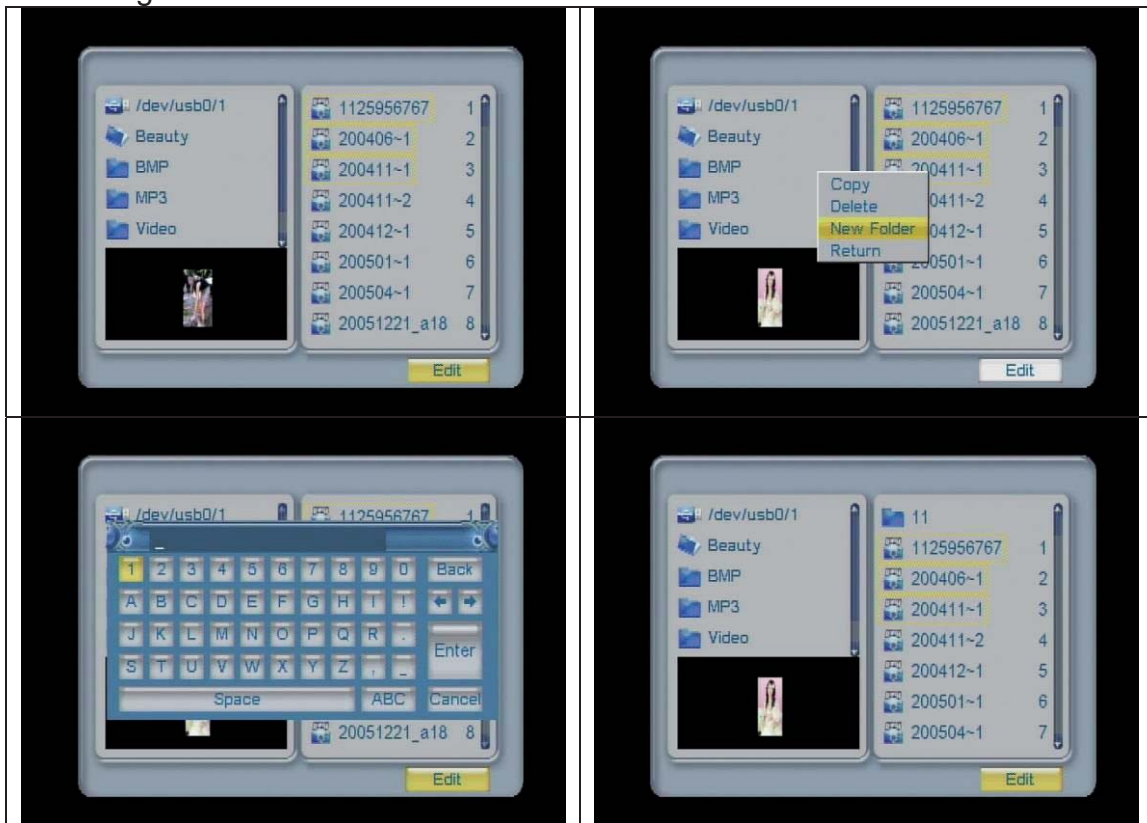
14.4 Format Photo Frame
This function allows users to format Nand.

10. Favorite

After selecting【Favorite】, press the **PLAY** button, and you will enter 【Slide Show】 mode, and be able to preview the screen saver images.

11. Basic Operations

16.1 Power Key: Power-on/Power-off

Format	JPG	MP2 / MP3 / WMA	DAT / MPG / VOB / MP4
Support	✓	✓	✓

16.2 Function: main menu

Press "FUNCTION" to directly enter the main menu. The user can then press the ⬆ ⬇ ⬅ ➡ buttons to select the desired function.
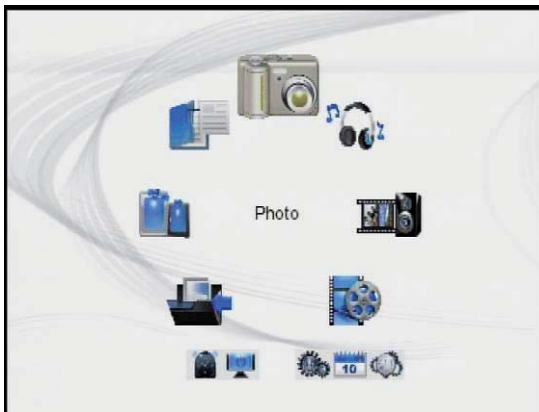
16.3 Automatic Picture Rotation

Format	JPG	MP2 / MP3 / WMA	DAT / MPG / VOB / MP4
Support	✓	✗	✗

When displaying images, if you rotate the frame 90 degrees to the right, the image will also rotate 90 degrees accordingly, so that the original angle will still be maintained, as shown in the illustration:

This is the original angle   This is the angle after the frame is rotated 90 degrees

16.4 Basic Playback Functions

Format	JPG	MP2 / MP3 / WMA	DAT / MPG / VOB / MP4

Support	✓	✓	✓

Stop:

When the system is playing, pressing "STOP" will stop the playback. If you were displaying images, then you will enter Browse mode or File Management mode; if you were playing a movie, then the movie will cease playing and you will enter the File Management mode.

Pause:

If you wish to pause during playback, you can press "PAUSE". By repressing "PAUSE" , you can return to normal playback. If you are playing images, pressing "PAUSE" will cause the images to stop playing.

Menu: return to File Management Mode

When images or movies are being played, pressing "MENU" will take you back to File Management mode. Users can use the arrow buttons to select the desired files, and then press "PLAY" to play the selected file.

Digest: return to Browse Mode

When images or movies are being played, press "DIGEST" and you will return to Browse mode. The user can use the arrow buttons to select the desired files, and then press "PLAY" to play the selected files.

Screen Saver:

In the special situations listed below, the system will not go into【Screen Saver】mode:

-If the system is currently in【Photo】,【Music】,【Photo+Music】, or【Movie】mode.

-If the system is currently displaying【Time】or 【Time & Date】.

Under normal circumstances, if the system is not playing any continuous data, and the user has not used the system in more than 20 seconds, the machine will automatically enter the screen saver program to protect your monitor; when the user presses any key, the system will exit the【Screen Saver】mode and return to the same screen that was being displayed just before entering the Screen Saver mode.

F.FWD: fast-forward play

Format	JPG	MP2 / MP3 / WMA	DAT / MPG / VOB / MP4
Support	✖	✔	✔

Press "F.FWD" and the playback speed will increase to search forward. Speed settings: from x2 (double normal speed) all the way to x32 (32 times normal speed). Under x32, you can go back to normal playing speed by pressing "F.FWD" once again.

Press "PLAY" under any speed and you will return to normal playing speed.

F.REV: fast rewind

Format	JPG	MP2 / MP3 / WMA	DAT / MPG / VOB / MP4
Support	✖	✔	✔

Press "F.REV" and the playback speed will increase and the system will search backwards. Speed settings: from x2(double the original speed) to x32(32 times the original speed). Under x32, you can go back to normal playing speed by pressing "F.REV" once again. Press "PLAY" under any speed and you will return to normal playing speed.

Slow: Slow Motion

Format	JPG	MP2 / MP3 / WMA	DAT / MPG / VOB / MP4
Support	✖	✖	✔

Press "SLOW" during playback and playback speed will decrease. The speed will be set according to the number of times you press "SLOW": from 1/2 speed to 1/32 speed. Under 1/32 speed, press "SLOW" once again and you will return to normal playing speed. If you wish to return to normal playback during slow motion playback, you can simply press "PLAY".

NEXT: Go to the next file.

Format	JPG	MP2 / MP3 / WMA	DAT / MPG / VOB / MP4
Support	✔	✔	✔

During playback or when the system is stopped, press "NEXT" and the system will jump to the next file and play it.

PREV: Go to the previous file.

Format	JPG	MP2 / MP3 / WMA	DAT / MPG / VOB / MP4
Support	✓	✓	✓

During playback or when the system is stopped, press "PREV" and the system will jump back to the previous file and play it.

Repeat: Repetitive Playback

Format	JPG	MP2 / MP3 / WMA	DAT / MPG / VOB / MP4
Support	✓	✓	✓

Press "REPEAT" once and the file that is currently playing will be repeated.

Press "REPEAT" for a second time and the folder that is currently playing will be repeated.

Press "REPEAT" for a third time and all the files in the storage device will be repeated.

Press "REPEAT" for a fourth time to exit the repeat mode.

A-B: Repeat A segment to B segment

Format	JPG	MP2 / MP3 / WMA	DAT / MPG / VOB / MP4
Support	✗	✓	✓

Press "A-B" and the system will repeatedly play the segment between two selected points in the file. The starting point for the repeated segment will be the point where you pressed "A-B" for the first time, and the end point for the repeated segment will be the point where you pressed "A-B" for the second time. The OSD will display A-B Repetition and the chosen segment will be played continuously. Press the "A-B" button once again and the system will go back to normal playback.

Info: Information Display

| Format	JPG	MP2 / MP3 / WMA	DAT / MPG / VOB / MP4
Support	✓	✗	✓

"INFO" provides you with information on the file that is currently playing. The background color will be set according to the interface style set by the user, When you are playing JPG images:

The first time you press INFO, the following information will be displayed:【menu \ file name】,【the order of this file inside the folder directory / the total number of files in this folder directory】.

The second time you press INFO, the following information will be displayed:【resolution】,【date】.
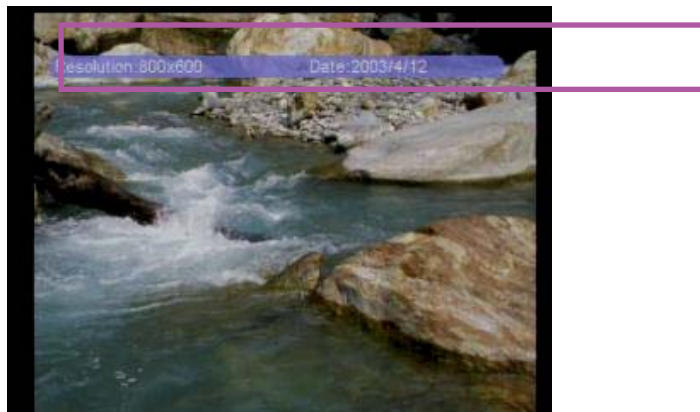
The third time you press INFO, you will go back to the original display, and no information will be displayed.

When you are playing DAT / MPG / VOB / MP4 videos:

The first time you press INFO, the following information will be displayed:【menu \ file name】,【the order of this file inside the folder directory / the total number of files in this folder directory】, and 【Time】. However, after three seconds, the system will automatically display only the 【Time】. When only the 【Time】 is displayed, press INFO again to display the complete information. The second time you press INFO, you will go back to the original display, and no information will be displayed.

Zoom: Enlarge Images

Format	JPG	MP2 / MP3 / WMA	DAT / MPG / VOB / MP4
Support	✓	✗	✓

When you are playing DAT / MPG / VOB videos:

The first time you press ZOOM, the image will be enlarged 2X.

The second time you press ZOOM, the image will be enlarged 4X.

The third time you press ZOOM, the image will return to normal size.

When zooming in, you can use the direction buttons to select the zoom location.

When you are playing JPEG images:

The first time you press ZOOM, the image will be enlarged to 150%.

The second time you press ZOOM, the image will be enlarged to 200%.

The third time you press ZOOM, the image will be shrunk to 25%.

The fourth time you press ZOOM, the image will be shrunk to 50%.

The fifth time you press ZOOM, the image will be restored to normal size (100%).

When the image is enlarged, you can use the direction buttons to select the area on display.

Vol+/-: Volume

Format	JPG	MP2 / MP3 / WMA	DAT / MPG / VOB / MP4
Support	✗	✓	✓

Maximum 16, minimum 0

Mute:

Format	JPG	MP2 / MP3 / WMA	DAT / MPG / VOB / MP4
Support	✓	✓	✓

Press "MUTE" once and the system will mute, press it again and sound will be restored.

Rotate JPG Images:

Format	JPG	MP2 / MP3 / WMA	DAT / MPG / VOB / MP4
Support	✓	✗	✗

By pressing the left button, you can rotate JPG images 90 degrees to the left (counter-clockwise)

By pressing the right button, you can rotate the image 90 degrees to the right (clockwise)

By pressing the up button, you can flip the image horizontally, reversing the left and right sides of the image.

By pressing the down button, you can flip the image vertically, reversing the top and bottom sides of the image.

The left arrow button ← can be used to rotate a JPG image 【90 degrees to the left (counter-clockwise)】. As shown in the sequential figures below, the front of the car is rotated counter-clockwise in the ←↓→↑← directions.

The right arrow button → can be used to rotate 【90 degrees to the right (clockwise)】. As shown in the sequential figures below, the front of the car is rotated clockwise in the ←↑→↓← directions.

The up button ↑ can be used to 【flip horizontally】, resulting in an image with left and right sides reversed. As shown in the figure below, the front of the car

switches from ← to →, and the entire image has been reversed from left to right, but the vertical sides do not change, the top of the car is still on top.

The down button ↓ can be used to 【shift vertically】, resulting in an image that is reversed in terms of top and bottom sides. As shown in the figure below, the top of the car was originally on top, but ends up on the bottom. But the left and right sides of the car are not changed, the front of the car is still pointing towards the left.

JPG Browse Mode:

Format	JPG	MP2 / MP3 / WMA	DAT / MPG / VOB / MP4
Support	✓	✗	✗

When viewing images, press "STOP" and the system will enter the browse mode. After the system enters the 【Browse mode】, fifteen 3x5 thumbnail clips will appear, making it easy for the user to view the images in the folder directory. After selecting the images that you wish to view, you can press "PLAY" to enter the Slide Show mode. At this time, the user can select the Rotate function, and then select the image that they wish to rotate and then press "PLAY" to rotate the selected image 90 degrees to the right. After the image has been rotated, you can press "RETURN" to return to the browse mode, or you can select the Reset function to cancel all rotation actions.

Media Manager:

Format	JPG	MP2 / MP3 / WMA	DAT / MPG / VOB / MP4
Support	✓	✓	✓

When the user inserts a storage device such as a portable drive or SD card, after the system analyzes the file format, the user will be able to conduct playlist

management through the File Manager. The recognizable multimedia file types include: JPEG, MP2, MP3, WMA, DAT, MPG, VOB, and MP4.

The window on the left of the File Manager is used to manage the folders inside the storage medium. The window on the right displays the files inside the particular folders.

P/N: Switching between NTSC and PAL

Format	JPG	MP2 / MP3 / WMA	DAT / MPG / VOB / MP4
Support	✓	✓	✓

When playing, press "P/N", and you will be able to choose from two output modes. The user can choose either NTSC or PAL, according to their viewing preferences and system requirements.

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